

Date: Fri, 3 Sep 93 00:08:41 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1039
To: Info-Hams

Info-Hams Digest Fri, 3 Sep 93 Volume 93 : Issue 1039

Today's Topics:

 * Ham Fleamarket Bridgewater MA *
 11 year old with an interest in Space
 40 meters
 ARRL contacts
 CB Linear for sale: How to report?
 Holidays in the US
 Icom IC765 COMPRESSOR PROBLEM?
 Maximal range of a CB
 Non-licensed purchase of radio (2 msgs)
 There goes the rest of 20M
 When?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 2 Sep 1993 13:40:38 GMT
From: mdisea!mothost!merlin.dev.cdx.mot.com!news@uunet.uu.net
Subject: * Ham Fleamarket Bridgewater MA *
To: info-hams@ucsd.edu

MASSASOIT AMATEUR RADIO ASSOCIATION FLEA MARKET
SATURDAY SEPTEMBER 18, 1993
LOCATED AT THE PRATTOWN COMMUNITY CLUB
ORANGE ST. BRIDGEWATER MA. 100 YARDS OFF RT. 104

ALL TYPES OF RADIO/ELECTRONIC AND COMPUTER GEAR WELCOME

FOR SELLERS RESERVATION CONTACT JAY N1FDX @ N1KBT OR CALL 617-767-3332

SETUP 7:30 ---OPEN TO PUBLIC 9:00 TO 4:00

TALK-IN 147.18+ BRIDGEWATER REPEATER

THANKS FOR READING HOPE TO SEE YOU IN SEPTEMBER.

Date: 2 Sep 93 10:22:01
From: idacrd.ccr-p.ida.org!idacrd!n4hy@uunet.uu.net
Subject: 11 year old with an interest in Space
To: info-hams@ucsd.edu

Jim:

Call AMSAT at (301)-589-6062 and ask them for the name of some amateur
satellite enthusiasts in your area. I am sure they will help.

Bob

--

Robert W. McGwier | n4hy@ccr-p.ida.org
Center for Communications Research | Interests: amateur radio, astronomy, golf
Princeton, N.J. 08520 | Asst Scoutmaster Troop 5700, Hightstown

Date: Wed, 1 Sep 1993 15:40:27 GMT
From: sgi!odin!chuck.dallas.sgi.com!adams@ames.arpa
Subject: 40 meters
To: info-hams@ucsd.edu

Gang,

sorry, i was in a bad mood i guess.

went home and looked at 40 meters. remember kids, this was late at
nite and most OFs have gone to bed and even the young kids too. :-)

0419Z (0419UCT) - 40 meters - Yaesu FT-707 (outta the closet) and 80 meter
long wire up 10 meters and pointed north

dx cw signals - 7.0027, 7.0069, 7.0094, 7.0141, 7.0156, 7.0164, 7.0174 (C08RCT
with clean signal), 7.0202, 7.0222, 7.0232, 7.0296, 7.0337,

7.0337, 7.0352, 7.0384, 7.0391, 7.0438, 7.0456, 7.0459, 7.0475
dx ssb - 7.0428, 7.0489

****here it is!!!** 7.0500 - the continous warbble. it ain't digital that i
can tell. anybody out there in radio land know where
and what it is? sounds like a lot of power to me. 599c

digital stuff - 7.0615, 7.0678, 7.0701, 7.0745, 7.0867, 7.0942, 7.0976, 7.0990,
7.1015

NOW THE FOREIGN BROADCAST - 7.110, 7.115, 7.125, 7.135, 7.140, 7.150, 7.155,
7.165, 7.170, 7.175, 7.180, 7.185, 7.190, 7.195, 7.200, 7.205,
7.210, 7.220, 7.225, 7.230, 7.235, 7.240, 7.245, 7.255, 7.260,
7.265, 7.270, 7.275, 7.280, 7.285, 7.295 (most 20+ over S9)

heck, you don't need no stinking crystal calibrator. they've 'channelized'
the 40 meter band for us. the first six channels i have crystals for. :-)

i thought i left all you guys with the KW linears up there to hold the band
for us. guess you were out gunned!!! :-) no wonder everybody wants to
move us cw ops down and out.

question? can you do digital on one of these channels? interference too
much? let's allocate all the above channels to automated digital after
10 PM local time!! won't help. :-) one country, one vote when it comes
to frequency allocations.

i'll do another sample at regular intervals over the month of october
(i'll be outta town too much this month) at all hours. someone wanna
help with the other bands?

i don't think the CW bands are that empty Gary.

73 es gl de k5fo dit dit

Date: 2 Sep 93 10:11:44 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: ARRL contacts
To: info-hams@ucsd.edu

I get a lot of mail from people who want to know how to reach someone in
particular or how to get certain info from people at ARRL HQ, via Internet.
Hope this helps:

=====
The following ARRL HQ staffers can be contacted directly via the net at the

addresses shown. Also included is a brief mention, where appropriate, of some specific duties of the staff member so that you'll know who to contact:

Staff member, call sign, title -----	address -----
Brian Battles, WS10, QST Features Editor QST articles, FM column, etc	bbattles@arrl.org
Jon Bloom, KE3Z, Senior Engineer (arrl.org postmaster, QEX editor)	jbloom@arrl.org
Bob Boucher, Purchasing Mgr	rboucher@arrl.org
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Bridget DiCosimo, Technical Dept Secretary (article reprints; orbit calendars; PCB templates etc.)	bdicosim@arrl.org
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Ed Hare, KA1CV, Laboratory Supervisor (RFI; product testing)	ehare@arrl.org
Rus Healy, NJ2L, QST Senior Assistant Technical Editor (Product Review; National Contest Journal)	rhealy@arrl.org
John Hennessee, KJ4KB, Regulatory Information Specialist (Regulatory questions, "Washington Mailbox" column, FCC Rule Book)	jhennesse@arrl.org
Luck Hurder, KY1T, Field Services Dept Deputy Mgr (Clubs; Field Organization; ARRL telephone BBS)	lhurder@arrl.org
Chuck Hutchinson, K8CH, Membership Services Mgr (Contests; awards;	chutch@arrl.org

DXCC etc)

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Rosalie White, WA1ST0, Educational Activities Dept Mgr (info on becoming a ham/training/SAREX/Scouting)	rwhite@arrl.org
Perry Williams, W1UED, Washington Area Coordinator (National Legislation and Regulatory Affairs)	2242662@mcimail.com
Mark Wilson, AA2Z, QST Editor	mwilson@arrl.org
Larry Wolfgang, WR1B, Senior Asst Technical Editor (Beginner's books, license manuals)	lwolfgan@arrl.org
Tammy-Beth Zimmerman, KA1WWP, Membership Services Administrative Asst (DXCC, awards, QSL buro)	tzimmer@arrl.org

In addition to these specific people, we've also set up the following accounts:

Technical Information Service (Technical questions)	tis@arrl.org
DXCC	dxcc@arrl.org
Awards (WAS, etc)	awards@arrl.org
Contests	contests@arrl.org
Outgoing QSL Bureau	buro@arrl.org
QEX Magazine	qex@arrl.org

W1AW

76067.3724@compuserve.com

Other questions and messages to other specific HQ staff members should continue to be addressed to "2155052@mcimail.com," which will result in their receipt in the "front office" here at ARRL HQ. You should include your postal address (the slow kind) in case we need to send you nonelectronic material in answer to your request.

Also:

Stan Horzepa, WA1LOU, QST (Packet
Perspective) columnist

horzepa@evax.gdc.com

=====

CUL es 73 de BB

Brian Battles, WS10	I Tel	203-666-1541, ext 222	I "Radio amateurs
QST Features Editor	I Fax	203-665-7531	I do it with high
ARRL HQ	I Internet	bbattles@arrl.org	I frequency"
Newington, CT USA	I Amprnet	ws1o@ws1o.ampr.org	[44.88.0.87]

Date: Thu, 2 Sep 1993 14:28:27 GMT
From: sdd.hp.com!col.hp.com!csn!teal.csn.org!dfeldman@network.ucsd.edu
Subject: CB Linear for sale: How to report?
To: info-hams@ucsd.edu

In article <263fd9\$ii5@usenet.INS.CWRU.Edu> dxk10@po.CWRU.Edu (David Kazdan Md) writes:

>
>
>The following advertisement has been in the Cleveland Plain Dealer
>
>Does the FCC want items like this?
>
> 73,
>
> David
>--

I spotted someone travelling down the highway this morning going
*** 56 MPH!!! *** endangering not only the driver's life, but everyone
in the whole country, with this terrible violation of the law!
Mere possession of a car capable of exceeding the speed limit is in
my opinion antisocial and should be banned.

Flame off.

Date: 1 Sep 1993 16:44:52 GMT
From: europa.eng.gtefsd.com!howland.reston.ans.net!xlink.net!scsing.switch.ch!
epflnews!tcommac6.epfl.ch!user@uunet.uu.net
Subject: Holidays in the US
To: info-hams@ucsd.edu

Hi there everybody,

I will be going this month to the USA for a 4-week holiday. I am planning to take some HF and VHF/UHF equipment. I am planning to take a C-520 handheld with a Kometh antenna stuck on a magnetic foot. The HF equipment will be a barefoot FT-747 (this one is reasonably light), a glass fiber telescopic mast (approx 8 m (-> approx 26 ft) high), and an inverted-V dipole for 40/80 meters that I am going to use on all bands with a matchbox. Power supply will be provided by the battery of rented cars. I will be operating something like W(n)/HB9IIL/P or W(n)/HB9IIL/M, mainly SSB.

I am just waiting for the reciprocal permit from the FCC, which I applied for almost two months ago by now...

I will be in Florida in the period 12th-21st of September, and in California from the 21st till the 9th of October. I do not have any operation hours or any frequencies to announce for the moment, however feel free to give me a shout if you hear me.

I would be interested to know what is the best band and the best time of day in order to make successfull contacts with Europe from Fla and Ca these days (with a dipole only!), as I would like to set up some scheds with other Swiss ham friends. Any hints are welcome!

Thanks a lot for any hints,

Rasti, HB9IIL

Rasti SLOSIAR I Telephone : +41 21 693 46 94
Ecole Polytechnique Federale de Lausanne I Telefax : +41 21 693 46 60
Batiment ELD, Laboratoire TCOM I Telex : 454 062 EPFE CH
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slosiar@elde.epfl.ch

CH-1015 Lausanne, Switzerland I HF Calls :
HB9IIL/OK8APE/VK2GOU

```
----- X.400 : S=slosiar; OU=elde; O=epfl; PRMD=switch; ADMD=arcom; C=ch
```

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----- Quickmail : Rastislav.Slosiar@degm.epfl.ch
```

Date: Thu, 2 Sep 1993 14:33:46 GMT

Bob Levine,x247 (levine@mc.com) wrote:

```
: >I have the same problem---it only occurs when I plug in the cable
: >between my PK-232 and the 765. Instead of troubleshooting it, I just
: >unplug the cable from the ACC jack when I use SSB. Not elegant, but
: >it works. I don't think it's a 765 problem.
: >
: >73      Mike      N6MZ      mikemr@microsoft.com
```

```

: Bob Levine   KD1GG 7J1AIS VK2GYN
: levine@mc.com                               (508) 256-1300 x247
: kd1gg@wa1phy.ma                             FAX (508) 256-3599
: -----

```

It certainly seems a nuisance to have to keep groping around the back whenever you change modes. The 765 is set up to do proper FSK, and there is even a proper mode switch on the front for it, I too would strongly advise using this rather than inserting FSK audio and using the SSB mode. It is much cleaner, which could improve your error rate at the

far end (and those on adjacent frequencies should hear less splatter)

My brain must not be firing on all cylinders today, I wondered if the original post mentioned Data modes and spent some time wondering why anyone would use the compressor on AFSK, re-reading everything helped me get myself sorted out.

I've found just about every lead can inject RF into the 765 if the shack is "Hot" with Rf. This is similar to just about all the other commercial rigs. Any luck with changing feeder routing?

Cheers

David

Date: Wed, 1 Sep 1993 13:04:46 EDT
From: mulvey!rich@uunet.uu.net
Subject: Maximal range of a CB
To: info-hams@ucsd.edu

eesnyder@boulder.Colorado.EDU (Eric E. Snyder) writes:

> jeanmarc@D012S436.mch.sni.de (Jean-Marc Bonnaudet) writes:
>
>>What is the maximal range reaches with a CB (a legal one, without any
>>linear amplifier of course, frequency in the 27 MHz) ?
>
>>My personnal maximal ranges are:
>
>>* Direct, without skip : 50 km (at the top of a mountain)
>>* With atmospheric skip: 1200 km (at a good time !)
>
> This might be interesting to post to one of the .radio.amateur groups.
> From my limited understanding, the 10 meter band can be worldwide when
> atmospheric/solar conditions permit. Since CB is ca. 11 meters, I assume
> the same applies.
>
> A couple of years ago, I was stuck out in the desert in California with
> vehicle trouble way out in the tules. I tried in vain to get help with
> my handheld CB... Interesting, I could hear a lot of (almost entirely)
> Spanish speaking stations. I wonder if these weren't stations working
> above the US legal limit in Mexico (300 km away)...
>
--

This is correct, although you should note that truly long-distance contacts are possible on a regular basis only when the sunspot cycle peaks.

Unfortunately, we're on the downside now. :-(

It's entirely possible that you heard Spanish speaking stations running the legal limit. (4 watts?)

- Rich

--

Rich Mulvey
rich@mulvey.com

Amateur Radio: N2VDS

787 Elmwood Terrace
Rochester, NY 14620

Date: Thu, 2 Sep 1993 13:41:00 GMT
From: sdd.hp.com!elroy.jpl.nasa.gov!swrinde!gatech!ukma!rsg1.er.usgs.gov!
dgg.cr.usgs.gov!bodoh@network.ucsd.edu
Subject: Non-licensed purchase of radio
To: info-hams@ucsd.edu

In article <1993Sep2.051554.28530@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

|> In article <CCoADI.GwD@pica.army.mil> mellis@ramcad.pica.army.mil (Mark Ellis) writes:

|> >

|> >My question is: If I walk into Radio Shack, put money down, and say:

|> > "Gimme dat HT-202, and I'll give you this money", can

|> > (would) they ask to see a license before selling it to me?

|>

|> No, they'll sell it to you if you have the green. It's perfectly
|> legal for non-hams to own a transmitter, as long as they don't use it.
|> If the clerk is sharp (fat chance) he may caution you that a license
|> is required and try to sell you their training material. And there
|> are warnings on the box and in the manual that a license is required
|> to transmit.

|>

|> Gary

|> --

|> Gary Coffman KE4ZV | "If 10% is good enough | gatech!wa4mei!ke4zv!gary

On a somewhat related note, I was told by a Radio Shack manager that they are instructed to refuse to sell you a scanner if you ask or say anything about monitoring cellular. Why are they so cautious about that and yet sell amateur, marine and itinerant/GMRS transceivers without even mentioning licenses...

--

+++++

+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0Y?? (in the mail) +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)

+

+ "Welcome back my friends to the show that never ends!" EL&P

+

+++++

Date: Wed, 1 Sep 1993 11:24:53 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!

darwin.sura.net!ra!cs.umd.edu!afterlife!admii!ovation!ramcad.pica.army.mil!

mellis@network.ucsd.edu

Subject: Non-licensed purchase of radio

To: info-hams@ucsd.edu

I'm in the process of studying for the Tech license. but I noticed in a previous post someone mentioned that the Radio Shack HTX202 is on sale for \$200. I thought I'd get it now, and listen in on popular freqs around the Rockaway (Northern) NJ area. That way when I do pass and get the license, I'll be a better operator for listening all this time. After all, isn't that the best way to learn? By the way, what ARE the popular freqs (2M) in the Northern NJ area ? :-]

My question is: If I walk into Radio Shack, put money down, and say:
"Gimme dat HT-202, and I'll give you this money", can
(would) they ask to see a license before selling it to me?

On the bottom of page 28 of their 93 catalog, it states:

YOU MUST HAVE A CURRENT FCC AMATEUR LICENSE OF APPROPRIATE CLASS
TO TRANSMIT WITH THE HTX-100 and HTX-202.

I would think re-iteration of the above would be all RS should do, since the ultimate responsibility is mine to abide by the rules.

Comments? Experiences?

-----> Mark E.

Date: 1 Sep 1993 14:43:57 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!

news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.ucsd.edu

Subject: There goes the rest of 20M

To: info-hams@ucsd.edu

In article <2151@arrl.org> ehare@arrl.org (Ed Hare - KA1CV) writes:

A few lines have been deleted for brevity.

>All in all, I generally favor regulations that permit amateur operation
>rather than prohibit. I do not personally operate these digital modes,
>either automatic, semi-automatic, or fully automatic. I am willing to
>let these issues be decided by those who do, believing that the amount
>of interference to me will be the same whether the interfering station
>is CW, RTTY or SSB.

I generally agree with Ed. However, not all interference is the same.
There are differences in energy concentration, necessary bandwidth
for communication and the availability of tools for separating out
unwanted signals.

A. Availability of tools: for starters, same mode interference is harder
to deal with because it is harder to separate the signals.

Consider the following cases:

1. Someone (not you, ED or I :)) is operating SSB and is interfered with
by a CW signal. The operator reaches over and flips on the auto-notching
W9GR unit.
2. I am operating CW on the bottom portion of the band and I am interfered
with by a SSB station. I switch in my super narrow filter and continue
my QSO.

B. Energy Concentration: Digital mode signals are at their peak energy
for a longer time and for the same peak level, the average energy
level is higher than SSB and CW. This makes them harder to live along
with.

C. The radiation pattern required for some digital modes do not lend
them to spectrum sharing. Based on my understanding of AX25 protocol,
unless there is a well defined and *followed* cell, a HF packet
node would need an omnidirectional antenna with high ERP. This
would be needed to reduce collision and keep the channel efficiency up.
Not the friendliest of signals to share spectrum with. Such nodes
can interfere with a larger number of stations.

Date: Thu, 2 Sep 1993 21:56:28 GMT
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpcss01!hpcuhe!donh@decwrl.dec.com
Subject: When?
To: info-hams@ucsd.edu

Can someone please tell me when the next West Valley swapmeet
happens? Also, when is the swapmeet in Livermore?

Thanks.....

```
*****
*           The opinions expressed are mine, and mine alone           *
*                                                                 *
* WB6LPJ - Cessna 172A N7770T - You can lead a horse to water, but a   *
*                               pencil must be lead.                   *
*****
```

Date: (null)

From: (null)

73

Rajiv

aa9ch

Address: r-dewan@nwu.edu

Phone: None on HF. Only CW.

Date: Wed, 1 Sep 1993 06:29:15 +0000

From: doc.ic.ac.uk!pipex!ibmpcug!demon!llondel.demon.co.uk!dave@decwrl.dec.com

To: info-hams@ucsd.edu

References <745820220snx@llondel.demon.co.uk>, <25e9od\$kfq@k2.San-

Jose.ate.slb.com>, <746284559snx@llondel.demon.co.uk

Reply-To : dave@llondel.demon.co.uk

Subject : Re: A strange thing that happens when you are learning code

In article <260ge3\$7rj@k2.San-Jose.ate.slb.com> jones@San-Jose.ate.slb.com (Clark Jones) writes:

>

>Dave, it took me until the end of this paragraph to remember that on your
>side of the "pond", a "coach" is what we on this side call a "bus". (I
>recall seeing a sign on my first visit to the UK that read "Football coaches
>prohibited unless booked in advance". In the U.S., that would mean that the
>"director" of the football team was only permitted to enter if arrested ahead
>of time... ;-)

>

I did wonder whether to put in a footnote about that, but I decided not to enlighten anyone :-). The word 'coach' can be used to describe the trainer/teacher for sports teams, although the team manager is usually a different person. We also make the distinction between a 'bus' and a 'coach' as being slightly different forms of transport (a 'bus' tends to be public transport and a 'coach' tends to be privately hired for an event).

Half the fun on here is dealing with the difference between English English and American English (and any other variants which appear from time to time) You will notice that I use English spellings as well :-) (licence, colour, neighbour etc)

Dave

--

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4wrw@g4wrw.ampr.org Amprnet * (the king to the white rabbit) *
*****
```

End of Info-Hams Digest V93 #1039
